SB105-3

Pennsylvania Department of Transportation
Center for Highway Safety
Highway Safety & Information Management Division

A Brief Explanation of the Statistical Summary Report

The following information is presented to allow you to more easily and correctly interpret the information of the Statistical Summary Report.

The Statistical Summary Report consists of 16 tables and 21 pages. Each page contains the title information of the report, which gives the time period and the subject matter for which the report was generated. For example, a report labeled SCHOOL BUS ACCIDENTS, in the upper right, would be generated for only those accidents which involved a school bus. Generally the term "ALL PENNSYLVANIA" is used to indicate state-wide data for all accidents. If you have any questions concerning the parameters for which the summary was generated, please do not hesitate to get a clarification.

The tables in the summary generally give the number of accidents by the highest severity of the accident in three categories, FATAL, INJURY, PROPERTY DAMAGE, and the TOTAL ACCIDENTS. Two other columns may occur giving the number of persons killed and the number of persons injured. Please remember that some accidents have multiple fatalities and/or injuries, so that the number of FATALITIES may be higher than the number of FATAL ACCIDENTS, for example.

A GENERAL CAUTION: Some tables in the Statistical Summary Report will have multiple entries for individual accidents. For example, the table TYPES OF VEHICLE will contain an entry for each vehicle in an accident. Therefore, an accident involving five vehicles would be counted five times in that particular table. The TOTAL number of accidents should be taken from either the first table, titled HARMFUL EVENT, or the last table, titled COUNTY. The totals given in these tables are the total accidents for the particular summary.

The following pages are explanatory notes for each of the tables in the summary.

HARMFUL EVENT OF OFFENDING VEHICLE VS. SEVERITY

Each accident is counted once in this table. A harmful event is one which causes injury or damage to a vehicle, person or property. This table lists the accidents by the FIRST harmful event. Other harmful events may have occurred in the accident. For example, the accidents counted under PEDESTRIAN in this table are only those accidents in which the first harmful event was "Hit Pedestrian". Other accidents could have occurred in which a pedestrian was killed or injured; two cars could have struck each other with one bouncing into a pedestrian after the initial collision. This accident would be counted under Automobile, not pedestrian, since the first harmful event was a collision with another vehicle. The numbers given for killed and injured in the harmful event "PEDESTRIAN" cannot, therefore, be compared to the figures for killed and injured in the later table titled PEDESTRIAN ACTION VS AGE VS SEVERITY, as this latter table contains data for all pedestrians involved.

HOUR OF OCCURRENCE VS SEVERITY OF ACCIDENT

Each accident is counted once in this table. In the current automated Accident Records System, only the hour during which the accident occurred is recorded, although hour and minutes are generally entered on the original police report.

DAY OF OCCURRENCE VS SEVERITY OF ACCIDENT

Each accident is counted once in this table.

MONTH OF OCCURRENCE VS SEVERITY OF ACCIDENT

Each accident is counted once in this table.

WEATHER CONDITIONS VS SEVERITY OF ACCIDENT

Each accident is counted once in this table.

SURFACE CONDITIONS VS SEVERITY OF ACCIDENT

Each accident is counted once in this table. Surface conditions refer to the condition of the roadway at the time of the accident as indicated by the reporting officer.

LIGHT CONDITIONS VS SEVERITY OF ACCIDENT

Each accident is counted once in this table.

ACCIDENT DESCRIPTION VS SEVERITY OF ACCIDENT

Each accident is counted once in this table. The accident description is based on the "First Harmful Event" of the accident, and the comments given under the first table, "HARMFUL EVENT" apply here. For example, the Accident Description called "HIT PEDESTRIAN" includes figures for only those accidents in which "Hit Pedestrian" was the First Harmful Event, and the data given cannot be compared with the table giving Pedestrian Action, which includes all pedestrians, not just those which were the first thing hit or injured.

INTERCHANGE, LOCATION VS SEVERITY OF ACCIDENT

Each accident is counted once in this table.

TOTAL OF ALL VEHICLES IN ACCIDENTS, BY BODY TYPE

This table counts vehicles, not accidents. The totals given, therefore, are the total numbers of VEHICLES, not accidents.

TOTAL OF ALL POSSIBLE FACTORS VS SEVERITY OF ACCIDENT

This table sums up the frequency with which the particular factors were cited as contributing to an accident. At least one, but not more than three, factors are assigned to each accident. For example, drinking and speeding are two factors which commonly occur together as factors contributing to an accident. The same factor can be assigned to two vehicles or operators in a single accident; for example, where both drivers in a

two vehicle accident were drinking and the drinking appeared to have contributed to the accident.

AGE OF DRIVERS & SEX INVOLVED IN ACCIDENTS

This table sums up the frequency, by age and sex, of all drivers involved in the accidents. Each driver in an accident is counted. If there were five vehicles involved in a particular accident, the age and sex of each driver would be counted. The title of this table will be revised shortly.

PEDESTRIAN ACTION VS AGE VS SEVERITY OF ACCIDENT

This table sums up the frequency, by age group and injury severity of all pedestrians involved in the accidents whether or not the pedestrian was the first harmful event. The counts are people, not accidents.

ACIDENTS ON HIGHWAY SYSTEMS VS SEVERITY

Each accident is counted once in this table. Please note that there are two categories of STATE HIGHWAY. The category of STATE HIGHWAY AND ALSO MUNICIPAL STREET includes those STATE HIGHWAYS that are also named, such as "Lincoln Highway" or "Main Street". The other category has no official name, other than possibly a traffic route, such as US 15 or PA 942. Please also note that we intend to correct the misspelling of PENNSYLVANIA at our next revision.

COUNTY OF OCCURRENCE VS SEVERITY OF ACCIDENT

Each accident is counted once in this table.

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BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

HARMFUL EVENT OF OFFENDING VEH VS. SEVERITY

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

HARMFUL EVENT	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
EXPLOSION	0	0	4	4	0	0
FIRE	1	14	508	523	1	17
IMMERSION	0	33	30	63	0	44
OVERTURNED	65	2254	860	3179	67	2856
STRUCK BY FLYING OBJECT	0	71	44	115	0	82
OTHER NON-COLLISION	15	732	548	1295	15	877
DEER	2	325	1002	1329	2	399
OTHER ANIMAL	2	121	86	209	2	153
AUTOMOBILE	472	46721	21648	68841	542	79096
TRUCK	211	9543	5994	15748	248	15580
BUS	4	468	176	648	4	1346
MOTORCYCLE	20	1338	83	1441	20	1699
PEDACYCLE	30	2061	2	2093	30	2234
SPECIAL MOTORIZED VEHICLE	7	136	73	216	8	218
TRACK / NON MOTORIZED VEHICLE	11	115	31	157	13	259
PEDESTRIAN	231	6439	3	6673	232	6874
BRIDGE SUPPORT	4	137	63	204	6	198
BRIDGE WALL	3	330	305	638	3	423
BRIDGE WALL END	17	260	129	406	19	357
BUILDING	6	392	297	695	8	518
CULVERT (CONCRETE)	11	456	314	781	13	613
CURB	29	1494	1658	3181	32	1960
DITCH	20	1111	794	1925	20	1448
EMBANKMENT	81	5389	3463	8933	84	7129
GUARD RAIL	83	3081	2913	6077	90	4039
IMPACT ATTENUATOR	0	28	15	43	0	42
MEDIAN BARRIER	33	1067	945	2045	38	1433
OBSTACLE ON ROAD	0	156	294	450	0	197
OVERHEAD STRUCTURE	0	36	33	69	0	48
SIGNAL/SIGN SUPPORT	18	845	696	1559	21	1057
SNOW BANK	2	93	73	168	2	113
TEMP CONST BARRIER OR CONST SIGN SUPPORTS	3	98	108	209	4	159
TRAFFIC ISLAND OR CHANNELIZATION	3	126	134	263	3	182
TREES	145	3747	1856	5748	165	5065
UTILITY POLES	145	5456	3085	8686	160	7074
OTHER VEHICLE	0	0	0	0	0	0
UNKNOWN VEHICLE	0	186	51	237	0	282
OTHER FIXED OBJECT	64	2983	2541	5588	72	3812
UNKNOWN FIXED OBJECT	1	48	42	91	2	63
OTHER HARMFUL EVENT	0	4	2	6	0	6
UNKNOWN HARMFUL EVENT	2	78	67	147	2	92
TOTALS	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

HOUR OF OCCURRENCE VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

HOUR OF OCCURRENCE	TOTAL ACCIDENTS BY TYPE			TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
	FATAL	INJURY	PROPERTY DAMAGE			
1:00 - 1:59AM	110	3066	2032	5208	119	4459
2:00 - 2:59AM	114	3294	2130	5538	123	4603
3:00 - 3:59AM	67	2067	1430	3564	71	2763
4:00 - 4:59AM	40	1311	900	2251	45	1730
5:00 - 5:59AM	37	1207	863	2107	41	1594
6:00 - 6:59AM	33	2060	1397	3490	37	2948
7:00 - 7:59AM	47	3791	2370	6203	58	5380
8:00 - 8:59AM	44	3905	2187	6136	46	5632
9:00 - 9:59AM	35	3141	1686	4862	38	4596
10:00 -10:59AM	43	3333	1740	5116	49	4926
11:00 -11:59AM	58	4032	1841	5931	61	6208
NOON -12:59PM	40	4600	2168	6808	43	7006
1:00 - 1:59PM	67	4712	2064	6843	78	7383
2:00 - 2:59PM	73	5538	2636	8247	81	8533
3:00 - 3:59PM	86	7164	3149	10399	99	10866
4:00 - 4:59PM	105	7351	3356	10812	116	11211
5:00 - 5:59PM	80	6984	3274	10338	88	10922
6:00 - 6:59PM	79	5431	2458	7968	89	8437
7:00 - 7:59PM	90	4776	2181	7047	96	7448
8:00 - 8:59PM	83	4054	1921	6058	95	6371
9:00 - 9:59PM	96	4145	2094	6335	108	6600
10:00 -10:59PM	84	3957	2238	6279	97	6258
11:00 -11:59PM	110	4149	2372	6631	122	6463
MIDNITE 0:59AM	119	3241	2105	5465	127	4753
UNKNOWN	1	663	378	1042	1	954
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

DAY OF OCCURRENCE VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

DAY OF OCCURRENCE	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
SUNDAY	250	12731	6342	19323	271	20188
MONDAY	185	12112	6061	18358	208	17945
TUESDAY	208	12932	6885	20025	234	18937
WEDNESDAY	222	13468	7108	20798	240	19869
THURSDAY	212	13513	7131	20856	230	19820
FRIDAY	316	16356	8639	25311	356	24933
SATURDAY	348	16860	8804	26012	389	26352
UNKNOWN	0	0	0	0	0	0
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

MONTH OF OCCURRENCE VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

MONTH OF OCCURENCE	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
JANURARY	127	7218	4499	11844	142	10746
FEBRUARY	84	6755	4513	11352	94	9922
MARCH	130	6955	3629	10714	145	10459
APRIL	126	7679	3756	11561	142	11370
MAY	159	8491	3783	12433	175	12720
JUNE	164	8628	3750	12542	186	13098
JULY	165	8686	3961	12812	181	13471
AUGUST	183	9093	4289	13565	200	14174
SEPTEMBER	158	8327	4032	12517	171	12593
OCTOBER	157	8984	4585	13726	179	13727
NOVEMBER	135	8605	4911	13651	148	12933
DECEMBER	153	8551	5262	13966	165	12831
UNKNOWN	0	0	0	0	0	0
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

WEATHER CONDITIONS VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

WEATHER CONDITIONS	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
RAINING	222	16004	9384	25610	248	24965
SLEET, HAIL, FREEZING RAIN	11	773	623	1407	11	1119
SNOWING	53	4173	3373	7599	66	6070
FOG, SMOKE, ECT.	19	996	615	1630	22	1464
RAINING AND FOG	11	466	276	753	13	682
NO ADVERSE CONDITIONS	1424	75281	36560	113265	1567	113374
UNKNOWN	1	279	139	419	1	370
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

SURFACE CONDITIONS VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

SURFACE CONDITIONS	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
DRY	1331	68720	32321	102372	1471	103745
WET	313	21487	12523	34323	344	33212
MUDDY	2	106	60	168	2	154
SNOW / ICE	94	7397	5941	13432	110	10590
UNKNOWN	1	262	125	388	1	343
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

LIGHT CONDITIONS VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

LIGHT CONDITIONS	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
DAWN OR DUSK	60	6119	3162	9341	63	9019
DAYLIGHT	732	55879	26403	83014	821	84708
DARK (STREET LIGHTS ON)	380	19878	11008	31266	420	30372
DARK (NO STREET LIGHTS)	569	16047	10354	26970	624	23887
UNKNOWN	0	49	43	92	0	58
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

ACCIDENT DESCRIPTION VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

ACCIDENT DESCRIPTION	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
NON-COLLISION	81	3102	1994	5177	83	3874
REAR-END	95	20351	8363	28809	108	33194
HEAD-ON	206	6681	2789	9676	245	12596
BACKING UP	2	543	417	962	2	736
ANGLE	413	29326	13900	43639	469	48672
SIDESWIPE	39	3661	2586	6286	41	5508
HIT FIXED OBJECT	668	27333	19758	47759	742	35930
HIT PEDESTRIAN	231	6439	3	6673	232	6874
ALL OTHERS	4	458	1093	1555	4	568
UNKNOWN	2	78	67	147	2	92
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

INTERCHANGE, LOCATION VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

LOCATION TYPES	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
T INTERSECTION	154	14385	7093	21632	172	22163
Y INTERSECTION	12	1298	749	2059	13	2042
4 LEGGED INTERSECTION	190	23765	9527	33482	199	38275
MULTI-LEGGED INTERSECTION	9	689	311	1009	11	1078
ROTARY INTERSECTION	1	95	33	129	1	124
RAILROAD INTERSECTION	9	81	56	146	10	116
RAMP GORE ENTRANCE	1	748	430	1179	1	1097
RAMP GORE EXIT	0	415	306	721	0	640
UNDERPASS	1	226	119	346	1	333
RAMP	15	421	312	748	16	580
BRIDGE	35	1347	826	2208	41	1938
TUNNEL	0	48	22	70	0	76
TOLL BOOTH	0	22	6	28	0	42
TRAFFICWAY	7	1022	461	1490	7	1549
DRIVEWAY	57	7709	3765	11531	63	12135
OTHER MIDBLOCK	1250	45698	26954	73902	1393	65852
UNKNOWN MIDBLOCK	0	1	0	1	0	1
UNKNOWN INTERCHANGE	0	2	0	2	0	3
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TOTAL OF ALL VEHICLES IN ACCIDENTS, BY BODY TYPE

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

TYPES OF VEHICLES	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS
CONVERTIBLE	16	905	559	1480
TWO DOOR HARDTOP	603	47554	25140	73297
FOUR DOOR HARDTOP	118	11306	5499	16923
TWO DOOR SEDAN	429	26510	13671	40610
FOUR DOOR SEDAN	397	27977	13553	41927
STATION WAGON	160	11480	5925	17565
LIMOUSINE	0	72	18	90
OTHER AUTOMOBILE	1	151	57	209
UNKNOWN AUTOMOBILE	73	5226	1982	7281
JEEP (LAND ROVER,BLAZER,SCOUT,ETC)	64	4364	2490	6918
PICK-UP TRUCK	276	12912	7861	21049
VAN	94	4920	2557	7571
TOW TRUCK	1	190	87	278
OTHER SINGLE UNIT TRUCK	72	1852	1183	3107
TRACTOR (CAB ONLY)	3	224	106	333
TRACTOR-TRAILER COMBINATION	175	3271	2278	5724
OTHER TRUCK BODY TYPE	22	1217	772	2011
UNKNOWN TRUCK BODY TYPE	0	146	64	210
SCHOOL BUS	4	351	195	550
CROSS_COUNTY (GREYHOUND, TRAILWAYS)	0	65	16	81
URBAN TRANSIT	9	528	75	612
TRACKLESS TROLLEY	0	20	1	21
OTHER BUS BODY TYPE	0	30	16	46
UNKNOWN BUS BODY TYPE	0	51	18	69
MOTORCYCLE	156	4617	226	4999
MO-PED	1	68	2	71
MINI-BIKE	0	17	1	18
MOTOR SCOOTER	1	10	0	11
TRIKE (MOTORIZED TRICYCLE)	1	19	0	20
GO-CART	0	2	0	2
VENDOR CYCLE	0	0	0	0
OTHER MOTORCYCLE	6	66	0	72
UNKNOWN MOTORCYCLE TYPE	0	6	0	6

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TOTAL OF ALL VEHICLES IN ACCIDENTS, BY BODY TYPE

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

TYPES OF VEHICLES	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS
UNICYCLE	0	3	0	3
BICYCLE	40	3419	5	3464
TRICYCLE	0	12	0	12
OTHER PEDACYCLE	0	25	0	25
UNKNOWN PEDACYCLE TYPE	0	8	0	8
AMBULANCE/HEARSE (NOT VAN TYPE)	0	35	25	60
SNOWMOBILE	2	15	2	19
FARM TRACTOR	5	74	35	114
MOTORIZED FARM EQUIPMENT	1	15	2	18
SELF-PROPELLED CAMPERS & HOMES	2	39	37	78
MOTORIZED CONSTRUCTION EQUIPMENT	4	54	29	87
DUNE BUGGY	0	4	0	4
SWAMP BUGGY	0	78	6	84
OTHER SPECIAL MOTORIZED VEHICLE	0	46	21	67
TRAIN	9	42	24	75
TROLLY	0	90	13	103
HORSE AND BUGGY	3	48	9	60
HORSE AND RIDER	0	14	0	14
OTHER TRACK/NON-MOTORIZED VEHICLE	0	0	1	1
OTHER VEHICLE BODY TYPES	0	0	0	0
UNKNOWN VEHICLE BODY TYPES	3	1501	418	1922
TOTAL	2751	171649	84979	259379

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TOTAL OF ALL POSSIBLE FACTORS VS SEVERITY OF ACC.

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

POSSIBLE FACTORS	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS
DROWSINESS, ASLEEP, FATIGUE	34	2472	1359	3865
DRIVER DRINKING (CHARGED OR INDICATED)	745	14388	6889	22022
FAILURE TO COMPLY WITH SPECAIL VEH. REGS.	0	9	1	10
FAILURE TO WEAR CORRECTIVE LENSES	0	30	21	51
PHYSICAL ILLNESS	4	110	32	146
DRUGS	10	75	23	108
HEART ATTACK	3	56	28	87
MENTAL DISORDER (HALLUCINATIONS)	0	4	4	8
SEIZURE	3	136	31	170
BLACKOUT	4	510	86	600
DIED BEFORE ACCIDENT	1	1	5	7
OTHER OPERATOR PHYSICAL CONDITIONS	0	130	38	168
OPERATOR PERFORMANCE FAILURE				
ON ROAD DISTRACTION	10	548	242	800
OFF ROAD DISTRACTION	10	597	253	860
INSIDE VEHICLE DISTRACTION	15	1840	949	2804
OTHER DISTRACTION (DAY-DREAMING ECT.)	12	2025	923	2960
IMPROPER OR NO SIGNALING	0	393	199	592
FAILURE TO RESPOND TO TRAFFIC DEVICE	113	9943	4012	14068
IMPROPER TURNING	110	16291	9139	25540
TAILGATING	21	7684	2939	10644
PROCEED WITHOUT CLEARANCE AFTER STOPPING	29	7934	4115	12078
REACTING TO OBSTACLE ON ROADWAY	1	110	69	180
ILLEGAL OR CARELESS U-TURN	8	522	230	760
FAILURE TO HEED STOPPED SCHOOL BUS	1	29	15	45
FAILURE TO HEED PEDESTRIAN ON ROADWAY	80	1530	7	1617
FAILURE TO HEED STOPPED VEHICLE	31	10208	3443	13682
ILLEGAL OR CARELESS BACKING UP	7	773	448	1228
PASSING IN A NO PASSING ZONE	12	451	223	686
CARELESS PASSING	39	2093	1000	3132
DRIVING WRONG WAY ON ONE WAY STREET	2	366	141	509
CARELESS PARKING/UNPARKING MANEUVER	0	662	416	1078
ILLEGALLY STOPPED ON ROADWAY	7	862	523	1392
SUDDEN SLOWING/STOPPING	14	2836	1688	4538
DRIVING LESS THAN POSTED MINIMUM LIMIT	0	16	5	21
MAKING IMPROPER ENTRANCE TO ROADWAY	23	4112	2145	6280
MAKING IMPROPER EXIT FROM ROADWAY	7	1846	907	2760
SPEEDING IN EXCESS OF POSTED LIMIT	447	5969	3005	9421
TOO FAST FOR CONDITIONS	24	2087	1509	3620

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TOTAL OF ALL POSSIBLE FACTORS VS SEVERITY OF ACC.

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

POSSIBLE FACTORS	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS
DRIVER INEXPERIENCE	3	168	88	259
DRIVING IN TWO LANES	4	581	343	928
DRIVING ON WRONG SIDE, PARTIALLY, OR FULLY	575	12216	6494	19285
CARELESS LANE CHANGE	35	1937	1196	3168
IMPROPER OR NO USE OF LIGHTS	9	376	166	551
HIT PARKED VEHICLE	6	382	430	818
HIT & RUN	13	1206	996	2215
DRIVER LOST CONTROL	98	2340	1602	4040
OTHER OPERATOR PERFORMANCE FAILURES	16	898	391	1305
VEHICLE CONDITION OR FAILURES				
ENGINE SYSTEM FAILURE	1	252	453	706
DEFECTIVE WINDSHIELD WIPERS	1	13	6	20
DEFECTIVE DEFROSTING SYSTEM	0	63	50	113
SPLASHED OR DIRTY WINDSHIELD	2	55	40	97
BALD TIRE CONDITION	20	285	166	471
TIRE BLOWOUT	2	385	422	809
BRAKE SYSTEM FAILURE	8	1011	672	1691
STEERING SYSTEM FAILURE	0	346	315	661
HEAD LIGHTS/REAR LIGHTS FAILURE	0	105	45	150
TURN SIGNAL LIGHTS/FLASHERS FAILURE	0	62	21	83
OVERLOADING/LOAD SHIFTING	3	147	84	234
IMPROPER TOWING	0	60	52	112
OTHER VEHICLE FACTORS	5	653	909	1567
ENVIRONMENTAL CONDITIONS				
POOR VISIBILITY DUE TO WEATHER	7	475	278	760
GLARE CONDITION	2	549	280	831
WIND	1	50	30	81
FIXED OBJECT IN LINE OF VISION	3	229	110	342
NARROW ROADWAY	0	40	27	67
OBSTACLE ON ROADWAY	0	235	393	628
OTHER ADVERSE WEATHER CONDITIONS	0	41	47	88
OTHER ENVIRONMENTAL CONDITIONS	0	296	214	510
SUDDEN ENTRANCE TO ROADWAY BY				
DRINKING PEDESTRIAN	33	465	2	500
PEDESTRIAN	97	3861	40	3998
BICYCLIST	7	576	9	592
DEER	3	1199	1607	2809
OTHER ANIMAL	3	702	471	1176
OPERATOR OR PASSENGER LEAVING VEHICLE	12	400	58	470

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TOTAL OF ALL POSSIBLE FACTORS VS SEVERITY OF ACC.

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

POSSIBLE FACTORS	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS
OTHER ENTRANCES	0	102	102	204
ROADWAY CONDITIONS				
BROKEN, CRACKED, OR BUMPY PAVEMENT	1	366	210	577
SLIPPERY ROAD SURFACE	36	4667	3779	8482
FOREIGN SUBSTANCE ON PAVEMENT	8	481	270	759
TRAIN/TROLLEY TRACKS	0	102	42	144
SHOULDER DROP-OFF/SOFT SHOLDER	2	221	116	339
NARROW ROADWAY (BY ROAD DESIGN)	0	103	57	160
POOR SIGHT DISTANCE (BY ROAD DESIGN)	1	282	153	436
ABRUPT CHANGE IN ROAD ALLIGNMENT	0	161	100	261
INADEQUATE/IMPROPER PROVISIONS	1	71	37	109
DEFECTIVE TRAFFIC CONTROL DEVICE	1	152	66	219
OBSTRUCTED TRAFFIC CONTROL DEVICE	0	38	21	59
MISSING TRAFFIC CONTROL DEVICE	0	115	40	155
POOR OR NO PAVEMENT MARKINGS	0	14	15	29
PARKED VEHICLE IN LINE OF VISION	0	381	189	570
OBSTRUCTED VISION FROM TRAFFIC	4	912	454	1370
OTHER ROADWAY CONDITIONS	1	641	473	1115
UNKNOWN APPARENT CONTRIBUTING FACTORS	1	79	37	117
TOTAL	2852	141195	71730	215777

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

AGE OF DRIVERS & SEX INVOLVED IN ACCIDENTS

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

AGE OF INVOLVED DRIVERS	MALE DRIVERS FATAL	INJURY	PROPERTY	TOTAL ACCIDENTS	FEMALE DRIVERS FATAL	INJURY	PROPERTY	TOTAL ACCIDENTS	TOTAL
15 OR YOUNGER	22	1817	89	1928	8	414	29	451	2379
16	38	2691	1627	4356	7	1437	673	2117	6473
17	65	3744	2266	6075	15	1948	925	2888	8963
18	73	4180	2398	6651	24	1981	914	2919	9570
19	73	4276	2331	6680	21	2043	919	2983	9663
20	87	3983	2266	6336	19	1965	869	2853	9189
21	77	4127	2392	6596	19	2047	895	2961	9557
22	86	4080	2172	6338	14	2001	885	2900	9238
23	103	3792	2126	6021	12	1917	858	2787	8808
24	72	3479	1931	5482	12	1740	832	2584	8066
25	79	3586	1930	5595	13	1741	786	2540	8135
26	76	3291	1732	5099	16	1696	723	2435	7534
27	56	2950	1553	4559	18	1502	640	2160	6719
28	66	2992	1523	4581	12	1456	623	2091	6672
29	59	3005	1537	4601	13	1435	587	2035	6636
30	56	2610	1339	4005	10	1356	573	1939	5944
31	56	2500	1288	3844	8	1357	522	1887	5731
32	47	2377	1258	3682	5	1288	485	1778	5460
33	44	2122	1134	3300	12	1185	475	1672	4972
34	44	2056	1038	3138	8	1245	461	1714	4852
35	36	2056	1025	3117	4	1152	506	1662	4779
36	38	1912	991	2941	12	1121	414	1547	4488
37	34	1721	877	2632	9	1035	441	1485	4117
38	22	1813	912	2747	7	1082	419	1508	4255
39	33	1901	970	2904	15	1155	446	1616	4520
40	18	1398	687	2103	11	861	335	1207	3310
41	24	1284	643	1951	7	751	272	1030	2981
42	32	1307	649	1988	3	801	290	1094	3082
43	24	1433	688	2145	5	805	363	1173	3318
44	20	1177	595	1792	6	715	253	974	2766
45	26	1205	555	1786	11	706	279	996	2782
46	20	1120	512	1652	12	624	229	865	2517
47	19	969	465	1453	6	536	217	759	2212
48	18	946	467	1431	5	562	204	771	2202
49	18	956	437	1411	5	574	185	764	2175
50	16	920	421	1357	7	506	187	700	2057
51	15	918	396	1329	1	477	162	640	1969
52	18	872	387	1277	7	498	178	683	1960
53	19	923	423	1365	8	463	177	648	2013
54	18	908	400	1326	7	457	165	629	1955
55	18	902	434	1354	6	475	197	678	2032
56	16	906	431	1353	7	441	178	626	1979
57	21	802	454	1277	5	430	167	602	1879
58	12	929	377	1318	8	499	185	692	2010

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

AGE OF DRIVERS & SEX INVOLVED IN ACCIDENTS

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

AGE OF INVOLVED DRIVERS	MALE DRIVERS FATAL	INJURY	PROPERTY	TOTAL ACCIDENTS	FEMALE DRIVERS FATAL	INJURY	PROPERTY	TOTAL ACCIDENTS	TOTAL
59	17	951	427	1395	7	485	169	661	2056
60	13	868	350	1231	5	449	166	620	1851
61	20	822	348	1190	3	406	156	565	1755
62	15	778	310	1103	1	404	136	541	1644
63	21	722	311	1054	7	374	120	501	1555
64	11	677	324	1012	4	378	137	519	1531
65	17	745	310	1072	6	347	125	478	1550
66	10	631	255	896	2	324	138	464	1360
67	12	528	239	779	5	314	113	432	1211
68	13	542	237	792	0	276	120	396	1188
69	13	532	192	737	2	258	120	380	1117
70	7	501	196	704	3	263	94	360	1064
71	8	489	182	679	5	238	85	328	1007
72	7	504	187	698	8	228	85	321	1019
73	15	393	152	560	3	199	74	276	836
74	6	361	133	500	4	190	82	276	776
75	7	368	174	549	3	167	84	254	803
76	8	308	138	454	5	159	60	224	678
77	7	269	106	382	4	129	64	197	579
78	9	220	111	340	2	122	56	180	520
79	10	218	82	310	2	109	50	161	471
80	9	201	87	297	1	90	39	130	427
81	8	162	85	255	4	60	22	86	341
82	6	150	50	206	2	51	20	73	279
83	1	116	58	175	0	45	20	65	240
84	4	90	37	131	0	30	14	44	175
85	3	84	46	133	2	37	14	53	186
86	0	76	27	103	0	19	9	28	131
87	2	36	19	57	2	12	3	17	74
88	4	51	16	71	1	9	4	14	85
89	0	25	14	39	0	4	5	9	48
90	0	25	7	32	0	3	3	6	38
91	2	13	2	17	0	2	1	3	20
92	0	15	2	17	0	1	1	2	19
93	0	5	0	5	0	0	0	0	5
94	0	4	0	4	0	0	0	0	4
95	0	2	2	4	0	0	1	1	5
96	0	4	1	5	0	1	3	4	9
97	0	3	0	3	0	0	0	0	3
98	0	2	2	4	0	1	0	1	5
99	0	0	0	0	0	0	0	0	0
UNKNOWN	40	5135	2474	7649	0	0	0	0	7649
TOTAL	2139	110562	55819	168520	533	54664	22516	77713	246233

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN ACTION VS AGE VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

ACTION	0-4		5-9		10-14		15-19		20-34		35-44		45-54		55-64		65-74		75+		UNKNOWN	
	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ	FAT	INJ
1	2	168	1	375	0	122	0	38	1	56	0	19	0	15	0	24	1	8	1	11	0	17
2	0	17	1	83	0	72	1	78	1	170	1	58	4	25	2	45	6	35	4	34	0	21
3	0	5	1	28	1	38	1	41	1	156	0	50	1	29	0	62	0	52	3	36	0	28
4	0	15	0	63	1	43	0	27	0	82	0	20	1	22	1	31	1	21	1	18	0	18
5	8	205	15	663	1	412	5	294	15	602	6	234	8	125	15	125	15	125	21	136	0	115
6	0	1	0	13	1	8	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1
7	0	4	0	7	0	9	0	17	0	26	0	14	0	7	1	8	0	7	1	3	0	7
8	0	0	0	2	0	2	1	4	3	6	1	2	0	0	1	0	0	0	0	0	0	0
9	0	6	0	10	0	12	0	19	2	70	0	23	1	11	2	9	0	10	0	5	0	9
10	0	10	2	32	0	29	0	11	0	5	0	2	0	1	0	0	0	0	0	0	0	0
11	0	1	0	2	0	2	0	6	0	33	0	8	0	11	0	4	0	3	0	0	0	6
12	0	4	0	23	2	26	0	7	0	3	0	0	0	1	0	1	0	0	0	0	0	1
13	0	5	3	17	1	27	3	60	9	178	4	66	4	42	2	30	4	19	1	5	1	17
14	0	1	0	4	0	11	0	23	1	39	2	8	2	7	0	3	0	11	0	4	0	2
15	0	1	0	4	1	30	2	55	10	87	2	25	3	15	2	8	1	5	1	7	0	12
16	0	10	0	15	1	17	0	21	2	72	0	28	0	11	0	14	4	6	1	3	0	21
17	0	0	1	1	0	0	1	1	2	1	2	0	3	0	0	0	2	0	0	0	1	0
TOTAL	10	453	24	1342	9	860	14	705	47	1587	18	557	27	322	26	364	34	302	34	262	2	275

1 - COMING FROM BEHIND PARKED VEHICLE
2 - CROSSING AGAINST SIGNAL
3 - CROSSING WITH SIGNAL
4 - CROSSING, NO SIGNAL, MARKED CROSSWALKS
5 - CROSSING, NO SIGNAL, OR CROSSWALKS
6 - GETTING ON/OFF SCHOOL BUS
7 - GETTING ON/OFF OTHER VEHICLE
8 - LYING ON OR NEAR ROADWAY
9 - ON SIDEWALK
10 - PLAYING ON OR NEAR ROADWAY
11 - PUSHING/WORKING ON VEHICLE ON/NEAR ROADWAY
12 - SKATEBOARDING, SLEDDING
13 - STANDING, WORKING, ON/NEAR ROADWAY
14 - WALKING ON ROADWAY/BERM - AGAINST TRAFFIC
15 - WALKING ON ROADWAY/BERM - WITH TRAFFIC
16 - OTHER
17 - UNKNOWN

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

ACCIDENTS ON HIGHWAY SYSTEMS VS SEVERITY

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

HIGHWAY SYSTEMS	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
STATE HIGHWAY & ALSO MUNICIPAL STREET	796	45276	22707	68781	873	70160
STATE HIGHWAY & NOT MUNICIPAL STREET	557	15525	8427	24509	630	24112
MUNICIPAL STREET OR TOWNSHIP ROAD	273	31161	15518	46952	291	44551
COUNTY ROAD	11	1104	610	1725	11	1660
PRIVATE ROAD OR AREA	6	376	197	579	6	524
PENNSYSLVANIA TURNPIKE MAIN BRANCH	17	621	623	1261	23	981
PENNSYSLVANIA TURNPIKE NORTHEAST EXTENSION	1	116	120	237	1	170
INTERSTATE HIGHWAYS	80	3791	2768	6639	93	5886
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DEVICES VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

TRAFFIC CONTROL DEVICES	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
NO CONTROL/NOT APPLICABLE	1549	68618	38669	108836	1730	101195
FLASHING TRAFFIC SIGNAL	17	911	411	1339	17	1570
TRAFFIC SIGNAL	116	16058	5863	22037	119	25977
STOP SIGN	39	10279	4908	15226	40	16221
YIELD SIGN	2	511	252	765	2	734
RR CROSSING CONTROLS	7	48	38	93	8	69
POLICE OFFICER OR FLAGMAN	0	174	65	239	0	273
FLASHING SCHOOL ZONE SIGN	0	20	2	22	0	35
OTHER	9	682	391	1082	10	1046
UNKNOWN	2	671	371	1044	2	924
TOTAL	1741	97972	50970	150683	1928	148044

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

COUNTY OF OCCURRENCE VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

COUNTY	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
ADAMS	17	573	401	991	19	820
ALLEGHENY	116	8839	5662	14617	127	12722
ARMSTRONG	17	457	213	687	20	689
BEAVER	28	1196	744	1968	31	1737
BEDFORD	19	369	233	621	21	630
BERKS	63	3032	2004	5099	67	4424
BLAIR	16	987	580	1583	16	1448
BRADFORD	19	457	223	699	23	681
BUCKS	86	5403	3009	8498	96	8474
BUTLER	27	1246	727	2000	32	1948
CAMBRIA	22	990	538	1550	24	1477
CAMERON	1	37	42	80	1	48
CARBON	16	495	324	835	21	743
CENTRE	21	763	460	1244	25	1178
CHESTER	83	3590	2134	5807	89	5448
CLARION	11	396	166	573	14	604
CLEARFIELD	13	675	351	1039	15	1043
CLINTON	8	321	178	507	8	504
COLUMBIA	8	598	228	834	12	905
CRAWFORD	17	684	376	1077	21	1047
CUMBERLAND	29	1595	1020	2644	37	2326
DAUPHIN	31	2023	1288	3342	35	2994
DELAWARE	57	4477	2370	6904	60	6858
ELK	7	253	137	397	10	360
ERIE	39	2625	1108	3772	43	3914
FAYETTE	27	1186	562	1775	31	1833
FOREST	2	65	39	106	2	97
FRANKLIN	30	909	512	1451	33	1319
FULTON	4	145	114	263	5	228
GREENE	8	310	144	462	9	454
HUNTINGDON	10	320	163	493	10	500
INDIANA	14	767	303	1084	18	1168
JEFFERSON	11	386	214	611	11	591

BUREAU OF ACCIDENT ANALYSIS, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

COUNTY OF OCCURRENCE VS SEVERITY OF ACCIDENT

A STATISTICAL SUMMARY FOR THE PERIOD"01/01/86 TO 12/31/86" ENCOMPASSING ALL PENNSYLVANIA

COUNTY	TOTAL ACCIDENTS BY TYPE FATAL	INJURY	PROPERTY DAMAGE	TOTAL ACCIDENTS	TOTAL FATALITIES	TOTAL INJURIES
JUNIATA	4	142	70	216	5	218
LACKAWANNA	26	1768	854	2648	28	2672
LANCASTER	63	3499	1763	5325	70	5240
LAWRENCE	15	696	354	1065	15	1059
LEBANON	18	975	614	1607	21	1390
LEHIGH	51	2900	1709	4660	57	4383
LUZERNE	55	2615	1341	4011	58	3988
LYCOMING	19	1008	482	1509	19	1533
MCKEAN	9	321	157	487	13	470
MERCER	13	920	542	1475	13	1387
MIFFLIN	10	349	172	531	11	501
MONROE	25	1271	757	2053	25	1980
MONTGOMERY	72	7192	3703	10967	78	10986
MONTOUR	4	117	68	189	6	200
NORTHAMPTON	21	1840	1050	2911	24	2714
NOTRHUMBERLAND	17	589	311	917	19	858
PERRY	8	369	204	581	9	580
PIKE	8	311	226	545	8	501
POTTER	4	115	55	174	4	176
SCHUYLKILL	34	1149	663	1846	36	1743
SNYDER	16	303	162	481	19	453
SOMERSET	14	528	268	810	15	826
SULLIVAN	4	93	24	121	5	130
SUSQUEHANNA	10	265	145	420	15	409
TIOGA	18	324	136	478	25	474
UNION	4	252	136	392	5	381
VENANGO	18	584	257	859	19	829
WARREN	11	338	233	582	13	483
WASHINGTON	38	1585	981	2604	40	2322
WAYNE	11	310	139	460	11	468
WESTMORELAND	65	3086	1658	4809	73	4765
WYOMING	8	295	140	443	10	432
YORK	54	3024	1662	4740	55	4426
PHILADELPHIA	117	12670	3367	16154	118	19855
TOTAL	1741	97972	50970	150683	1928	148044